

CSCI 3327 Advanced VB
Lab Assignment # 8 A & B
Dr. Abraham

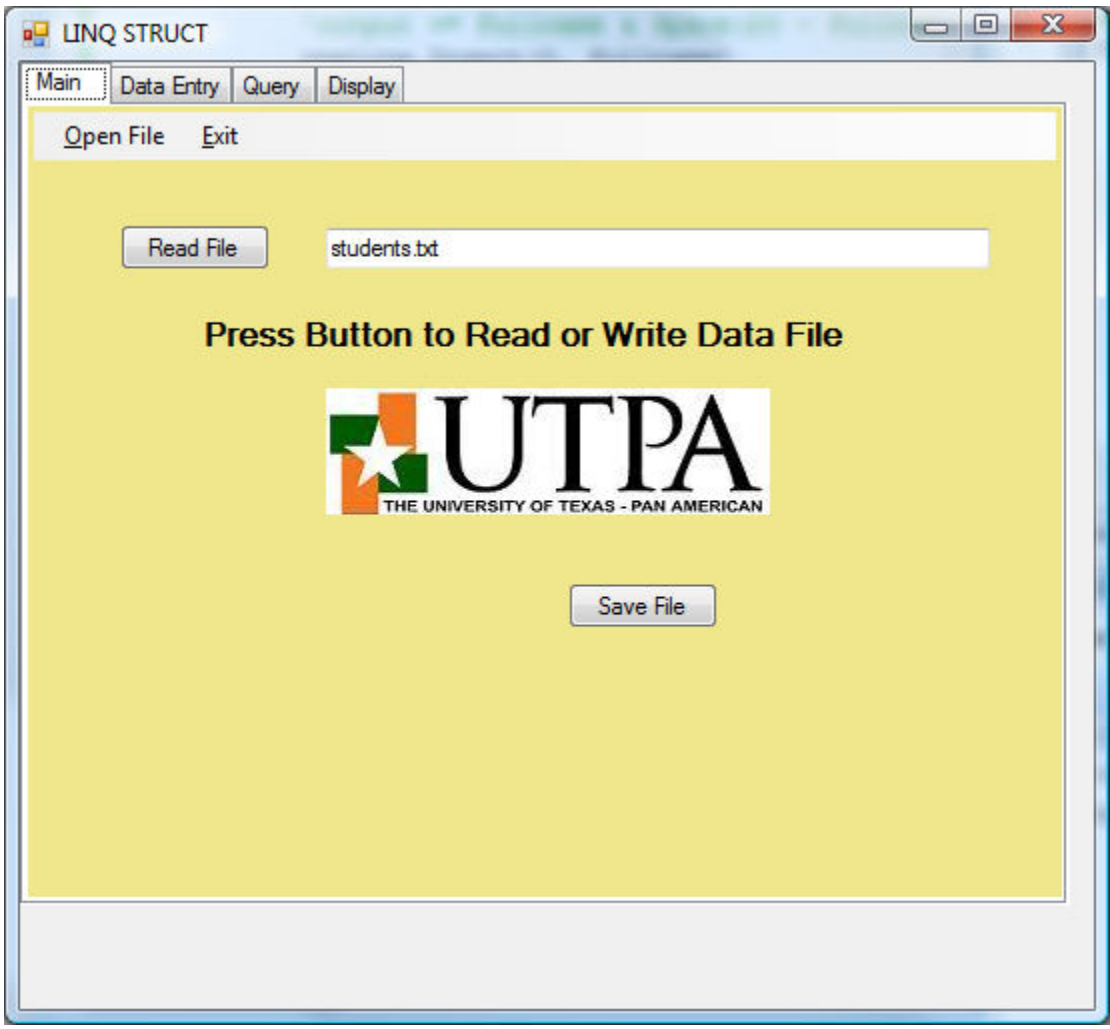
This is a pretty long assignment, so I split it into two. The first half is due next week and the second half is due the following week as regularly scheduled. Instructional objectives of this assignment are:

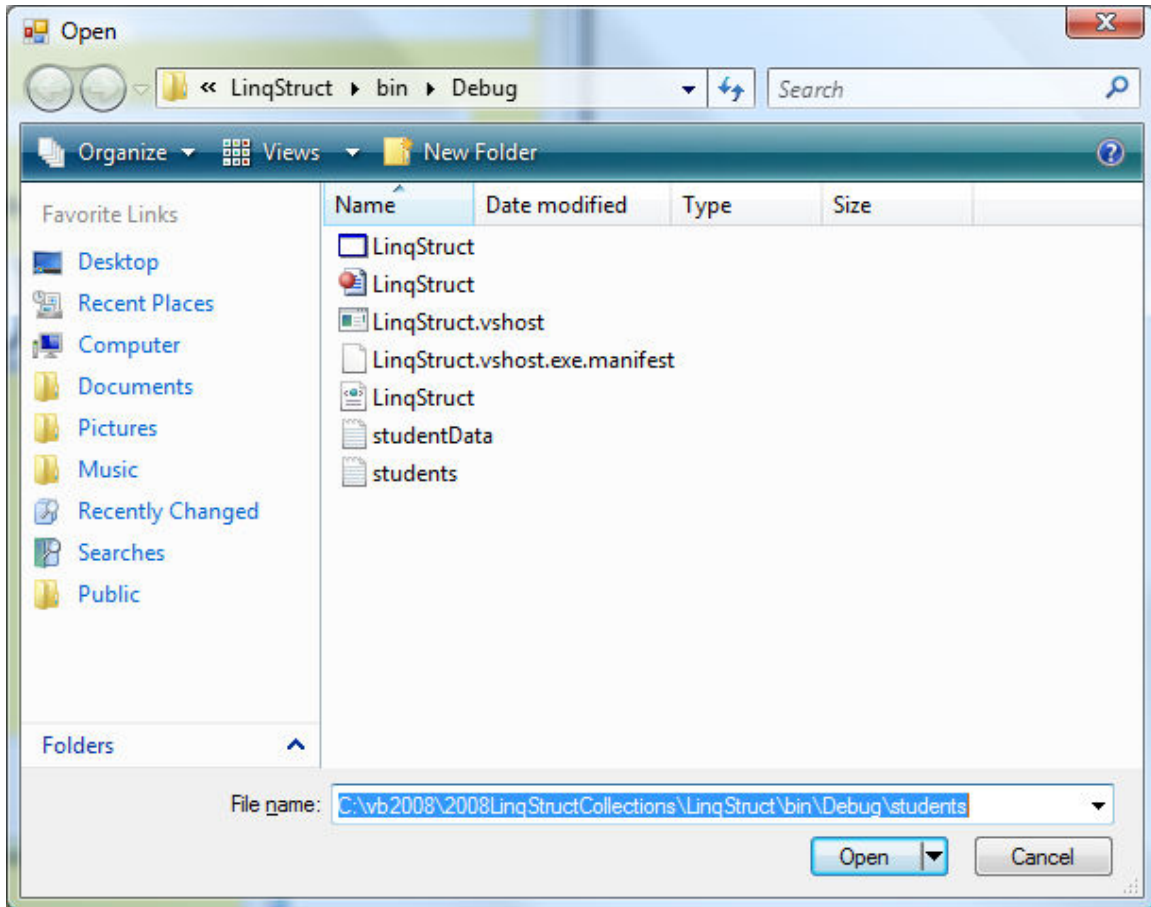
Files and Streams
String Builder class
Arrays of Struct
Error Handling
Collections
LINQ
Sorting and Binary Search

Part A

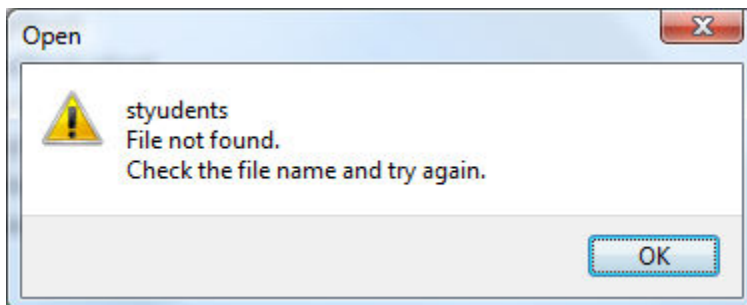
Create a form with four tabs, name the tabs appropriately, add Menu Strips to handle files and whatever else you want to do, add records for several students and save them to a file.

Here are some screen shots:





You get this screen the Open File (or Save File) Menu is clicked. Make sure this file name appears in the main form along with any messages. Add exception handling in this sub routine. Also please enable and disables buttons as necessary.



The screenshot shows a Windows application window titled "LINQ STRUCT". The window has four tabs: "Main", "Data Entry", "Query", and "Display". The "Data Entry" tab is selected. The form contains the following fields and controls:

Gamez	Ricardo
Student First Name	Last Name
956-381-3578	3.80
Telephone Number	GPA
13	Add to List
Number of Items in List	

Each record is added to an array of struct. I used a generic collection called list instead of creating my own array. The list handles automatically re-dimensioning as the list grows or shrinks.

